

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No. SAIC0055-CCIP2

First Inventor Dr. Victor Verbinski, et al.

Title SYSTEM AND METHOD FOR TARGET INSPECTION USING DISCRETE PHOTON COUNTING AND NEUTRON DETECTION

Express Mail Label No.

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)

2. Applicant claims small entity status.
See 37 CFR 1.27.

3. Specification [Total Pages 48]
(preferred arrangement set forth below)
 - Descriptive title of the Invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (*if filed*)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure

4. Drawing(s) (35 U.S.C. 113) [Total Sheets 35]

5. Oath or Declaration [Total Sheets 2]
 a. Newly executed (original or copy)
 b. Copy from a prior application (37 CFR 1.63 (d))
(for a continuation/divisional with Box 18 completed)
 i. **DELETION OF INVENTOR(S)**
 Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).

6. Application Data Sheet. See 37 CFR 1.76

ADDRESS TO:Commissioner for Patents
Mail Stop Patent Application
P.O. Box 1450
Alexandria VA 22313-1450

7. CD-ROM or CD-R in duplicate, large table or Computer Program (*Appendix*)

8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 a. Computer Readable Form (CRF)
 b. Specification Sequence Listing on:
 i. CD-ROM or CD-R (2 copies); or
 ii. paper
 c. Statements verifying identity of above copies

ACCOMPANYING APPLICATIONS PARTS

9. Assignment Papers (cover sheet & document(s))

10. 37 C.F.R. 3.73(b) Statement Power of Attorney
(when there is an assignee)

11. English Translation Document (*if applicable*)

12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations

13. Preliminary Amendment

14. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)

15. Certified Copy of Priority Document(s)
(if foreign priority is claimed)

16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.

17. Other: Transmittal Letter with Submission of Computer Program Listing Appendix

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation Divisional Continuation-in-part (CIP)

of prior application No: 09 / 925,009

Prior application information: Examiner Gagliardi, A.

Art Unit: 2878

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS Customer Number or Bar Code Label 27510 or Correspondence address below

(Insert Customer No. or Attach bar code label here)

Name			
Address			
City	State	Zip Code	
Country	Telephone	Fax	

Name (Print/Type)	George T. Marcou	Registration No. (Attorney/Agent)	33,014
Signature	Date 10/20/03		

This collection of information is required by 37 C.F.R. 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

033187 U.S.P.T.O.
107717632

112103

112103
13281 U.S.PTO

FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 824)

Complete if Known	
Application Number	Not Yet Assigned
Filing Date	Herewith
First Named Inventor	Victor Verbinski, et al.
Examiner Name	Not Yet Assigned
Art Unit	Not Yet Assigned
Attorney Docket No.	SAIC0055-CCIP2

METHOD OF PAYMENT (check all that apply)

 Check Credit card Money Other None
Order
 Deposit Account:

Deposit Account Number 501458

Deposit Account Name KILPATRICK STOCKTON LLP

The Director is authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) during the pendency of this application
 Charge fee(s) indicated below, except for the filing fee
to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee Code	(\\$)	(\\$)
1001	2001	750	375
1002	2002	330	165
1003	2003	520	260
1004	2004	750	375
1005	2005	160	80
SUBTOTAL (1)			(\$ 770)

2. EXTRA CLAIM FEES

Total Claims	-20 **	=	Extra Claims	X	Fee from below	=	Fee Paid
Independent Claims	23	-20 **	=	3	X 18	=	54
Multiple Dependent	3	-3 **	=	0	X 84	=	0

Large Entity	Small Entity	Fee Description
Fee Code	Fee Code	(\\$)
1202	2202	18
1201	2201	84
1203	2203	280
1204	2204	84
1205	2205	18
SUBTOTAL (2)		(\$ 54)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee Code	(\\$)	(\\$)
1051	2051	130	65
1052	2052	50	25
1053	1053	130	130
1812	1812	2,520	2,520
1804	1804	920*	920*
1805	1805	1,840*	1,840*
1251	2251	110	55
1252	2252	410	205
1253	2253	930	465
1254	2254	1,450	725
1255	2255	1,970	985
1401	2401	320	160
1402	2402	320	160
1403	2403	280	140
1451	1451	1,510	1,510
1452	2452	110	55
1453	2453	1,300	650
1501	2501	1,300	650
1502	2502	470	235
1503	2503	630	315
1460	1460	130	130
1807	1807	50	50
1806	1806	180	180
8021	8021	40	40
1809	2809	750	375
1810	2810	750	375
1801	2801	750	375
1802	1802	900	900
Other fee (specify) _____			

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$ 0)

SUBMITTED BY						Complete if applicable	
Name (Print/Type)	George Marcou	Registration No. Attorney/Agent)	33,014	Telephone	202 508 5800		
Signature						Date	10/17/03

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing this form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**NONPUBLICATION REQUEST
UNDER
35 U.S.C. 122(b)(2)(B)(i)**

First Named Inventor	SAIC0055-CCIP2
Title	SYSTEM AND METHOD FOR TARGET INSPECTION USING DISCRETE PHOTON COUNTING AND NEUTRON DETECTION
Atty Docket Number	SAIC0055-CCIP2

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

November 20, 2003

Date



Signature

202 508 5800

Telephone number

George T. Marcou, #33,014

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

This collection of information is required by 37 CFR 1.213(a). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 6 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Victor V. Verbinski, et al.

Art Unit: TBD

Serial No. TBD

Examiner: TBD

Filed: Herewith

For: **SYSTEM AND METHOD FOR TARGET INSPECTION USING DISCRETE PHOTON COUNTING AND NEUTRON DETECTION**

U.S. Patent and Trademark Office
2011 South Clark Place
Customer Window, Mail Stop Patent Application
Crystal Plaza Two, Lobby, Room 1B03
Arlington, Virginia 22202

TRANSMITTAL LETTER WITH SUBMISSION OF COMPUTER PROGRAM LISTING APPENDIX

Dear Sir:

In conjunction with the filing of the above-identified application, the undersigned representative respectfully submits herewith duplicate and identical copies of a computer program listing appendix on two separate compact discs.

In accordance with the requirements under 37 CFR §§1.52 and 1.96, for each of the two, identical compact discs, the computer program listing:

- (1) is enclosed in a hard compact disc case within an unsealed padded and protective mailing envelope;
- (2) is in IBM-PC machine format;
- (3) is compatible with the MS-Windows operating system;
- (4) is labeled "AttnyDock#SAIC0055CCIP2apx";

- (5) is 637 KB in size; and
- (6) was saved to CD-R on November 20, 2003.

The undersigned respectfully requests that these discs be become part of the permanent United States Patent and Trademark Office records in the file of the above-referenced patent application.

Respectfully submitted,

Date: 11/20/03
KILPATRICK STOCKTON LLP
Suite 900
607 14th Street, N.W.
Washington, D.C. 20005
(202) 508-5800

By: 
Dawn Marie Bey
Registration No. 44,442